

11/01/01

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)	Docket No.: ROC920010201US1	Serial No.: unknown
	Applicants: William John Goetzinger et al.	
	Filing Date: Herewith	Group: unknown

 11/01/01 U.S. PTO  
 10/015760


## U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
BQN	AA	5,926,459	07/20/99	Lyles et al.			
BQN	AB	6,064,650	05/16/00	Kappler et al.			
BQN	AC	6,072,772	06/06/00	Charny et al.			
BQN	AD	6,094,435	07/25/00	Hoffman et al.			
BQN	AE	6,101,193	08/08/00	Ohba			
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## Foreign Patent Documents

## Translation

		Document Number	Date	Country	Class	Subclass	Yes	No
BQN	AL	0 859 492 A2	08/19/98	Europe (with abstract)				
BQN	AM	0 989 770 A1	03/29/00	Europe (with abstract)				
BQN	AN	2000183886	06/30/00	Japan			X (abstract only)	
BQN	AO	2000295247	10/20/00	Japan			X (abstract only)	
BQN	AP	1 049 352 A2	11/02/00	Europe (with abstract)				

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	
AS	
AT	
Examiner <i>BQN</i>	Date Considered 08/01/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <b>LIST OF RELEVANT ART CITED BY APPLICANT</b> (Use several sheets if necessary)					Docket No.: ROC920010201US1	Serial No.: unknown
					Applicants: William John Goetzinger, et al	
					Filing Date: herewith	

U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents							Translation	
	Document Number	Date	Country	Class	Subclass	Yes	No	
BON	AL	2001007822	12/20/00	Japan		X (abstract only)		
BON	AM	1 061 763 A2	12/20/00	Europe (with abstract)				
BON	AN	01/20876 A1	03/22/01	World				
	AO							
	AP							


  

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
	AR
	AS
	AT

Examiner 	Date Considered 08/01/05
--------------	-----------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  <div style="text-align: right; font-weight: bold; font-size: 1.2em;">             RECEIVED              APR 03 2002           </div>					Docket No.: ROC920010201US1	Serial No.: 10/015,760
LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)					Applicant(s): William John Goetzinger et al.	
					Filing Date: 11/01/01	Group: 2661


  

U.S. Patent Documents				Technology Center 2600			
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						


  

Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
AL								
AM								
AN								
AO								
AP								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
BQN	AR	U.S. Patent Application Serial No. 10/015,994, filed November 1, 2001, titled "Weighted Fair Queue Serving Plural Output Ports"
BQN	AS	U.S. Patent Application Serial No. 10/016,518, filed November 1, 2001, titled "Weighted Fair Queue Having Extended Effective Range"
BQN	AT	U.S. Patent Application Serial No. 10/002,085, filed November 1, 2001, titled "Empty Indicators for Weighted Fair Queues"
Examiner: 		
Date Considered: 08/01/05		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

 U.S. Department of Commerce, Patent and Trademark Office LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)					Docket No.: ROC920010201US1		Serial No.: 10/015,760	
<b>RECEIVED</b> APR 03 2002					Applicants: William John Goetzinger, et al			
					Filing Date: November 1, 2001		Group: 2661	

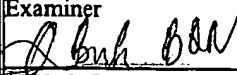
U.S. Patent Documents				Technology Center 2600			
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						


Foreign Patent Documents							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
BQN	AR	U.S. Patent Application Serial No. 10/004,373, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Peak Service Distance Using Next Peak Service Time Violated Indication"
BQN	AS	U.S. Patent Application Serial No. 10/002,416, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service with Aging Time Stamps"
BQN	AT	U.S. Patent Application Serial No. 10/004,440, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service with Cached Status Array"

Examiner 	Date Considered 08/01/05
--	-----------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office  LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)					Docket No.: ROC920010201US1		Serial No.: 10/015,760	
<b>RECEIVED</b> APR 03 2002					Applicants: William John Goetzinger, et al			
Filing Date: November 1, 2001					Group: 2661			

U.S. Patent Documents				Technology Center 2600			
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

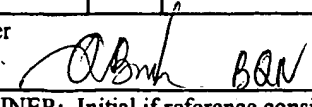
  

Foreign Patent Documents							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

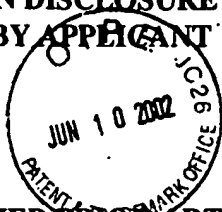
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
BQN	AR	U.S. Patent Application Serial No. 10/004,217, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service Anticipating the End of a Chain of Flows"
	AS	
	AT	

Examiner: 	Date Considered: 08/01/05
---	---------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

PTO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**
Sheet 1 of 1

Application Number.: 10/015,760  
 Filing Date: November 1, 2001  
 First Named Inventor: William Goetzinger  
 Art Unit: 2661  
 Examiner Name: Unassigned  
 Attorney Docket Number.: ROC920010201US1

COPY OF PAPERS  
ORIGINALLY FILED

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published.	T <sup>2</sup>
B&N		U.S. Patent Application Serial No. 10/102,343 filed March 20, 2002, "Network Processor Having Fast Flow Queue Disable	
B&N		Process" (Docket ROC920010335US1)	

Examiner Signature		Date Considered	06/01/05
--------------------	--	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional).

<sup>2</sup> Applicant is to place a check mark here if English language translation is attached.

RECEIVED

JUN 13 2002

Technology Center 2600

PTO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**
Sheet 1 of 4

Application Number.: 10/015.760  
 Filing Date: November 1, 2001  
 First Named Inventor: William Goetzinger  
 Art Unit: 2661  
 Examiner Name: Unassigned  
 Attorney Docket Number.: ROC920010201US1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
BAN	AA	US -5249184A	09/28/1993	Karen L. Woeste et al	
	AB	US -5490141A	02/06/1996	Fuyung Lai et al	
	AC	US -5548590A	08/20/1996	Robert H. Grant et al	
	AD	US -5629928A	05/13/1997	Jean Calvignac et al	
	AE	US -5742772A	04/21/1998	Cormac J. Sreenan	
	AF	US -5831971A	11/03/1998	Flavio Bonomi et al	
	AG	US -5844890A	12/01/1998	Gary Scott Delp et al	
	AH	US -5850399A	12/15/1998	Mahesh Ganmukhi et al	
	AI	US -5926481A	07/20/1999	Chi-Lung Wang et al	
	AJ	US - 5946297A	08/31/1999	Jean Calvignac et al	
	AK	US - 5999963A	12/07/1999	John Louis Bruno et al	
	AL	US - 6014367A	01/11/2000	Alexander Joffe	
BAN	AM	US - 6018527A	01/25/2000	Nanyang Yin et al	

RECEIVED  
MAY 14 2002  
Technology Center 2600

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T <sup>6</sup>
BAN	AN	EP0957602A2	11/17/1999	Darrin Nagy		X

Examiner Signature	<i>[Signature]</i> BAN	Date Considered	08/01/05
--------------------	------------------------	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

PTO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**
Sheet 2 of 4

Application Number.: 10/015,760  
 Filing Date: November 1, 2001  
 First Named Inventor: William Goetzinger  
 Art Unit: 2661  
 Examiner Name: Unassigned  
 Attorney Docket Number.: ROC920010201US1

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published.	T <sup>2</sup>
B&N	AO	U.S. Patent Application Serial No. 10/102,166 filed March 20, 2002, "Method and Apparatus for Improving the Fairness of New	
B&N		Attaches to a Weighted Fair Queue in a Quality of Service (QoS) Scheduler"	
B&N	AP	Abstract of Publication entitled "Design of packet-fair queuing schedulers using a RAM-based searching engine"	
B&N		by HJ Chao et al, IEEE Journal on Selected Areas in Communications, Vol. 17, No. 6, pp. 1105-1126, June 1999	

RECEIVED  
 MAY 14 2002  
 Technology Center 2600

Examiner Signature	<u>B&amp;N</u>	Date Considered	<u>08/01/05</u>
--------------------	----------------	-----------------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional).

<sup>2</sup> Applicant is to place a check mark here if English language translation is attached.



PTO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**
Sheet 3 of 4

Application Number.: 10/015,760  
 Filing Date: November 1, 2001  
 First Named Inventor: William Goetzinger  
 Art Unit: 2661  
 Examiner Name: Unassigned  
 Attorney Docket Number.: ROC920010201US1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
BAN	BA	US -6028842A	02/22/2000	Alan Chapman et al	
	BB	US -6028843A	02/22/2000	Gary Delp et al	
	BC	US -6031822A	02/28/2000	Eugen Wallmeier	
	BD	US -6038217A	03/14/2000	J. Bryan Lyles	
	BE	US -6041059A	03/21/2000	Alexander Joffe et al	
	BF	US -6064677A	05/16/2000	Christopher Kappler et al	
	BG	US -6072800A	06/06/2000	Duan-Shin Lee	
	BH	US -6078953A	06/20/2000	Aseem Vaid et al	
BAN	BI	US -6081507A	06/27/2000	Hung-Hsiang Chao et al	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T <sup>6</sup>
BAN	BJ	WO99/53647A2	10/21/1999	Nigel T. Poole et al		X
BAN	BK	WO99/53648A2	10/21/1999	Cary B. Robins et al		X
BAN	BL	WO99/35792A1	07/15/1999	Anna Charny et al		X

Examiner Signature

Date Considered

08/01/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

PTO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**Sheet 4 of 4

Application Number.: 10/015,760  
 Filing Date: November 1, 2001  
 First Named Inventor: William Goetzinger  
 Art Unit: 2661  
 Examiner Name: Unassigned  
 Attorney Docket Number.: ROC920010201US1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
B&N	CA	US -6092115A	07/18/2000	Abhijit Choudhury et al	
	CB	US - 6101193A	08/08/2000	Yoshihiro Ohba	
	CC	US -6104700A	08/15/2000	Stephen Haddock et al	
	CD	US -6108307A	08/22/2000	Stephen McConnell et al	
	CE	US -6122673A	09/19/2000	Debashis Basak et al	
	CF	US -6144669A	11/07/2000	Stephen J. Williams et al	
	CG	US -6157614A	12/05/2000	Eliezer Pasternak et al	
	CH	US -6157649A	12/05/2000	Kenneth Peirce et al	
	CI	US -6157654A	12/05/2000	Tom Davis	
	CJ	US - 6169740B1	01/02/2001	Todd D. Morris et al	
	CK	US - 6188698B1	02/13/2001	Claude Galand et al	
	CL	US - 6226267B1	05/01/2001	Barry A. Spinney et al	
	CM	US - 6229812B1	05/08/2001	Bidyut Parruck et al	
✓	CN	US - 6229813B1	05/08/2001	Steven W. Buchko et al	
B&N	CO	US - 6236647B1	05/22/2001	Carlo Amalfitano	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T <sup>6</sup>

Examiner Signature	<u>[Signature]</u> B&N	Date Considered	<u>08/01/05</u>
--------------------	------------------------	-----------------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.